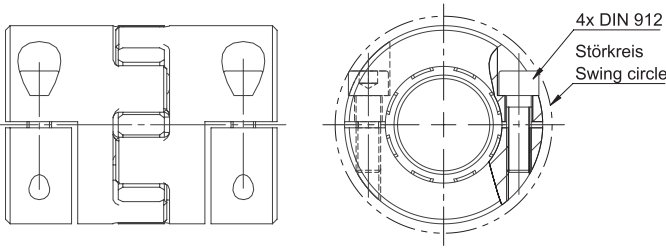


## Elastomerkupplung SKT mit geteilter Klemmnabe

## Elastomer coupling SKT with split clamping hub



### Merkmale

- Klemmnaben aus hochfestem Aluminium
- Spielfreie Drehmomentübertragung
- Radiale Montage, axial steckbar
- Elektrisch isolierend
- Optimales Dämpfungsverhalten durch Elastomersterne in unterschiedlichen Shorehärten
- Hohe Temperaturbeständigkeit
- Niedriges Massenträgheitsmoment
- Ausgleich von radialem, axialem und winkligem Versatz
- Sonderausführungen auf Anfrage

### Bestellbezeichnung / Beispiel:

**SKT-17 - 10H7 - 16H7 - 98ShA**  
 Typ-Größe Bohrung Bohrung Elastomerstern  
 D1 D2

**SKT-160 - 20H7P - 22H7 - 98ShA - K**  
 Typ-Größe Bohrung Bohrung Elastomerstern kalibriert  
 D1 (mit Passfedernut) D2

### Characteristics

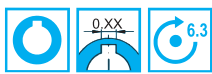
- Clamping hub made of high strength aluminium
- Backlash-free torque transmission
- Radial assembling, axial pluggable
- Electrically isolating
- Optimum damping behavior by elastomer inserts in different shore hardnesses
- High level of thermal stability
- Very low moment of inertia
- Compensation of radial, axial and angular misalignment
- Customized execution on demand

### Order description / example:

**SKT-17 - 10H7 - 16H7 - 98ShA**  
 Type-Size Bore Bore Elastomer insert  
 D1 D2

**SKT-160 - 20H7P - 22H7 - 98ShA - K**  
 Type-Size Bore Bore Elastomer insert calibrated  
 D1 (with keyway) D2

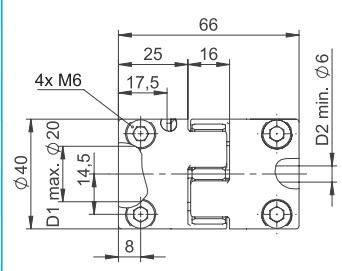
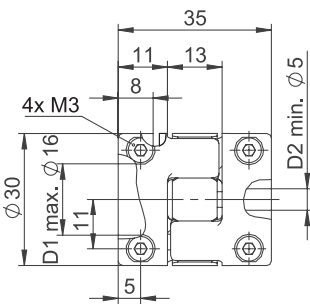
### Standard Optionen / Standard options



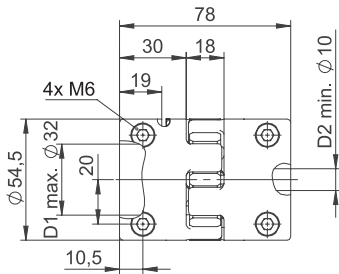
Shorehärte Elastomerstern / Shore hardness Elastomer insert  
 80 Sh A, 92 Sh A, 64 Sh D-H, 64 Sh D  
 Elastomerstern / Elastomer insert  
 G = gebohrt / G = drilled K = kalibriert / K = calibrated

Gewünschte Optionen müssen im Bestelltext angegeben werden (Legende Symbole S. 7).  
 Desired options have to be mentioned in the order text (key symbols p. 7).

SKT-12	R	B	Y	G	Nennmoment [Nm] Nominal torque [Nm]	R	B	Y	G	SKT-17
		12	4	7.5		16	17	5	10	
	24	8	15	32	Maximalmoment [Nm] Max. torque [Nm]	37	10	20	42	
	172	60	115	234	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	860	340	570	1240	
	654	153	336	856	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	2010	582	1120	2930	
	0.09	0.21	0.15	0.06	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.06	0.15	0.10	0.04	
	0.9	1.1	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.1	1.0	0.8	
	+1.0/-0.5				Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+1.2/-0.5				
	13000				max. Drehzahl [rpm] max. speed [rpm]	10000				
	2.0				Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]	11.0				
	32.5				Störkreis [ø mm] Swing circle [ø mm]	46.0				

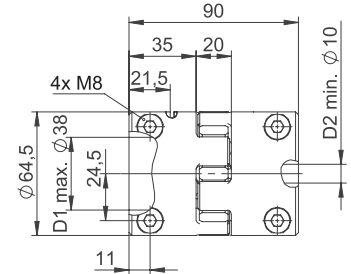


### SKT-60

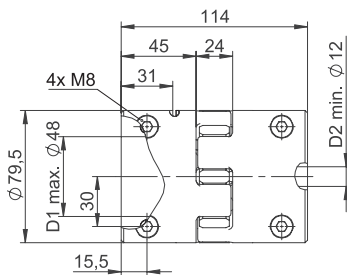


R	Y	G		R	Y	G
60	35	75	Nennmoment [Nm] Nominal torque [Nm]	160	95	200
120	70	150	Maximalmoment [Nm] Max. torque [Nm]	320	190	400
2060	1430	2980	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	3440	2290	4350
2560	1480	3696	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	3200	1780	4348
0.10	0.14	0.70	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.11	0.15	0.08
0.9	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.0	0.8
+1.4/-0.5			Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+1.5/-0.7		
7000			max. Drehzahl [rpm] max. speed [rpm]	6000		
15.0			Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]	32.0		
57.0			Störkreis [ø mm] Swing circle [ø mm]	71.0		

### SKT-160

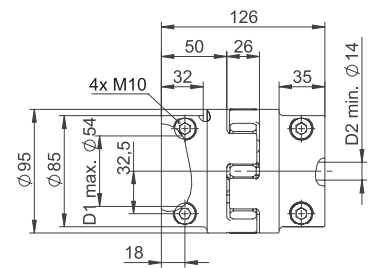


### SKT-325

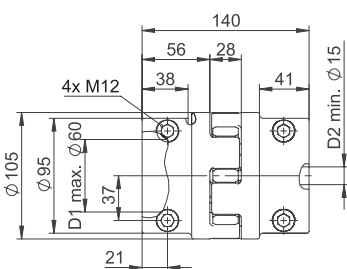


R	Y	G		R	Y	G
325	190	405	Nennmoment [Nm] Nominal torque [Nm]	450	265	560
650	380	810	Maximalmoment [Nm] Max. torque [Nm]	900	530	1120
7160	4580	10540	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	19200	6300	27580
4400	2350	6474	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	5930	2430	7270
0.12	0.17	0.09	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.14	0.19	0.10
0.9	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.0	0.8
+1.8/-0.7			Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+2.0/-1.0		
5000			max. Drehzahl [rpm] max. speed [rpm]	4000		
38.0			Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]	84.0		
83.0			Störkreis [ø mm] Swing circle [ø mm]	95.0		

### SKT-450



### SKT-525



R	Y	G				
525	310	655	Nennmoment [Nm] Nominal torque [Nm]			
1050	620	1310	Maximalmoment [Nm] Max. torque [Nm]			
22370	7850	36200	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]			
5930	2580	8274	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]			
0.16	0.23	0.11	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]			
0.9	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]			
+2.1/-1.0			Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]			
3600			max. Drehzahl [rpm] max. speed [rpm]			
145.0			Anzugsmoment der Schrauben M <sub>A</sub> [Nm] Tightening torque of screws M <sub>A</sub> [Nm]			
106.0			Störkreis [ø mm] Swing circle [ø mm]			